AUDIENCE

Engineers and applied scientists involved in analyses of non-linear phenomena encountered in diverse theoretical and applied mechanics problems.

AIMS AND SCOPE

The *International Journal of Non-Linear Mechanics* provides a specific medium for dissemination of research results in the various areas of theoretical and applied mechanics of solids/structures and fluids, where the phenomena are inherently non-linear. The journal brings together original results in non-linear problems in elasticity, plasticity, dynamics and vibrations, rheology, hydrodynamics, gas dynamics, magnetohydrodynamics, astrodynamics, control and stability, structures, as well as in other diverse areas. Papers may be analytical/computational or experimental. Mathematical treatments of non-linear differential equations wherein solutions and properties of solutions are emphasized are also appropriate. Both deterministic and stochastic approaches are fostered. Contributions pertaining to applied fields are encouraged.

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